

DAW

Docket No. 740756-2670

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Confirmation No. 2735
Shinji Maekawa et al.)
Application No. 10/713,219) Examiner: Laura M. Shillinger
Filed: November 17, 2003) Group Art Unit: 2813
For: METHOD FOR FABRICATING THIN)
FILM TRANSISTOR) Date: June 1, 2006

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

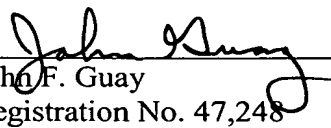
In response to Applicants' request for an interview after final rejection, Primary Examiner Shillinger contacted the undersigned on May 15, 2006, and conducted a telephonic interview in connection with the above-captioned application. The courtesies extended to the undersigned by the Examiner are graciously noted.

Subject matter discussed during the interview centered on the arguments set forth in the Amendment filed on May 8, 2006, and more particularly, the arguments advanced on page 13, line 24 to page 14, line 17, regarding the failure of the Nakamura et al. publication (U.S. Patent Application Publication No. 2002/0134981) to describe claimed combinations of features including a second amorphous semiconductor film comprising nitrogen at a concentration of 1×10^{18} atoms/cm³ or lower, oxygen at a concentration of 8×10^{19} atoms/cm³ or lower, and noble gas at a concentration of 1×10^{20} atoms/cm³ or higher.

After further consideration, the Examiner again contacted the undersigned on May 15, 2006, and indicated that the application would be allowed, which Applicants greatly appreciate.

If the Examiner disagrees with the undersigned's above recollection of subject matter discussed, and the agreement reached during the interview, she is invited to contact the undersigned at the number provided below to further clarify the proceedings which transpired.

Respectfully submitted,



John F. Guay
Registration No. 47,248

NIXON PEABODY LLP
Suite 900, 401 9th Street, N.W.
Washington, D.C. 20004-2128
(202) 585-8000



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/713,219		
	Filing Date	November 17, 2003	
	First Named Inventor	Shinji Maekawa et al.	
	Group Art Unit	2813	
	Examiner Name	Laura M. Shillinger	
Total Number of Pages in This Submission	7	Attorney Docket Number	740756-2670

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 (with 16 listed documents) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosures: 1. Request For Continued Examination (RCE) Transmittal 2. Statement of the Substance of the Interview
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	John F. Guay, Reg. No. 47,248 Nixon Peabody LLP 401 9 th Street, N.W. Suite 900 Washington, D.C. 20004-2128
Signature	
Date	June 1, 2006

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

Date

Signature

Typed or printed name



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No. 10/713,219)	Examiner: Laura M. Schillinger
Filed: November 17, 2003)	Group Art Unit: 2813
For: METHOD FOR FABRICATING THIN)	
FILM TRANSISTOR)	
)	Date: June 1, 2006

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

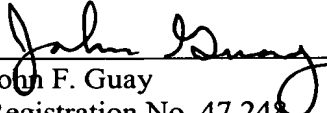
The information is being submitted concurrently with a Request for Continued Examination under 37 C.F.R. § 1.114, and hence, pursuant to § 1.97(b)(4). Therefore, no fee is believed due.

To assist the Examiner, the documents are listed on the attached form PTO-1449. Please note that documents numbered 1 through 16 were submitted in U.S. Application No. 10/056,055, which corresponds to the U.S. Patent Application Publication No. US2002/0134981 applied in the final Office Action of January 6, 2006. Copies of the listed non-U.S. patent related documents are attached. Also attached is a copy of the filing receipt, specification, claims, drawings, and allowed claims as of November 8, 2005, of U.S. Patent Application No. 08/784,293 (listed as document number 16).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. It is respectfully requested that an Examiner-initial a copy of this form and return it to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: 
John F. Guay
Registration No. 47,248

NIXON PEABODY LLP
401 9th Street, N.W., Suite 900
Washington, DC 20004-2128
Telephone: (202) 585-8000



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/713,219
				Filing Date	November 17, 2003
				First Named Inventor	Shinji MAEKAWA et al.
				Art Unit	2813
				Examiner Name	Laura M. Schillinger
Sheet	1	of	1	Attorney Docket Number	740756-2670

U.S. PATENT DOCUMENTS					
Examiner Initials ²	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
	1	US-2002/0098628 A1	07/25/2002	Hamada et al.	
	2	US-2002/0125480 A1	09/12/2002	Nakamura et al.	
	3	US-2002/0182783 A1	12/05/2002	Takayama et al.	
	4	US-2004/0121530 A1	06/24/2004	Yamazaki et al.	
	5	US-2004/0224486 A1	11/11/2004	Ichijo et al.	
	6	US-2005/0009257 A1	01/13/2005	Yamazaki et al.	
	7	US-2005/0020037 A1	01/27/2005	Asami et al.	
	8	US-2005/0079656 A1	04/14/2005	Ichijo et al.	
	9	US-6,300,659 B1	10/09/2001	Zhang et al.	
	10	US-6,303,415 B1	10/16/2001	Yamazaki	
	11	US-6,808,968 B2	10/26/2004	Yamazaki et al.	
	12	US-6,686,262 B2	02/03/2004	Yamazaki et al.	
	13	US-6,812,081 B2	11/02/2004	Yamazaki et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	14	JP-08-078329	03/22/1996	OHTANI		ABS
	15	EP-0 651 431 A2	05/03/1995	OHTANI et al.		FULL

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	16	U.S. Patent Application Serial No. 08/784,293, Yamazaki et al., filed: January 16, 1997, entitled: "Fabrication Method of Semiconductor Device," including the filing receipt, specification, claims, drawings, and the allowed claims as of November 8, 2005.

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.